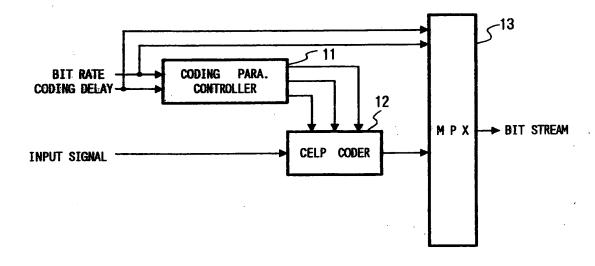
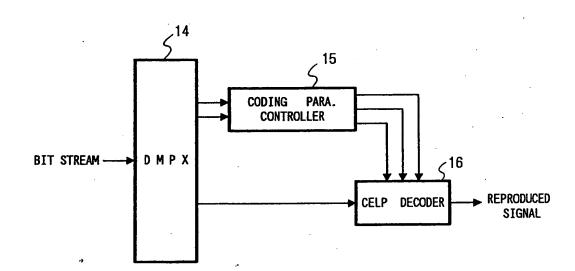
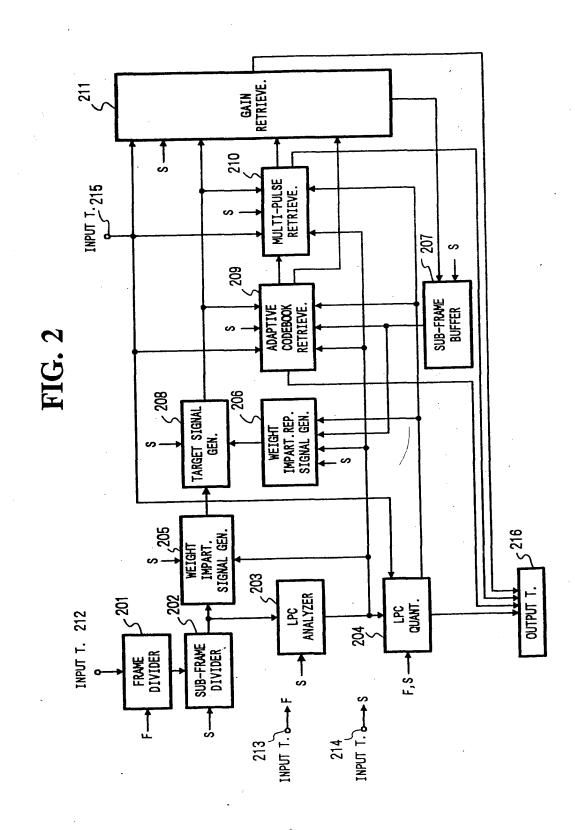
FIG. 1







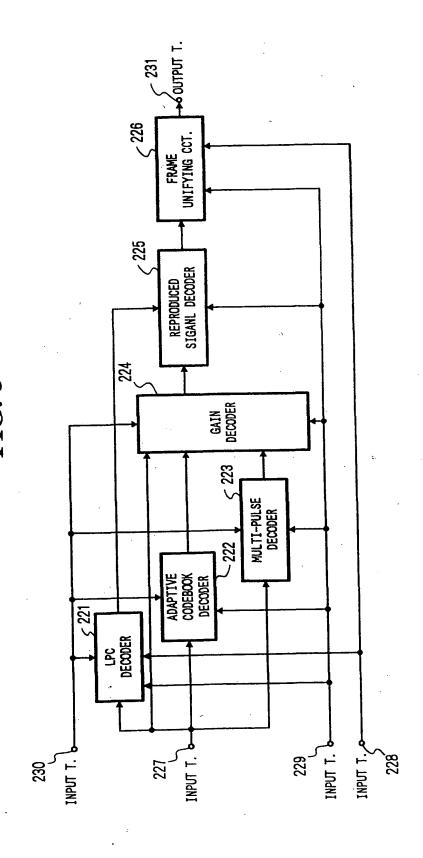
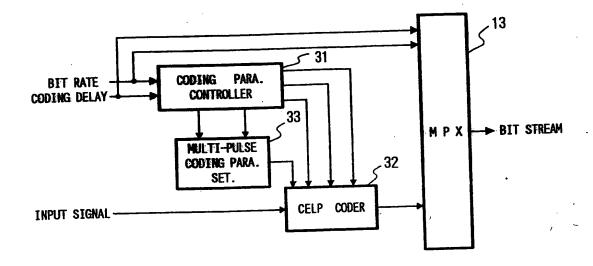
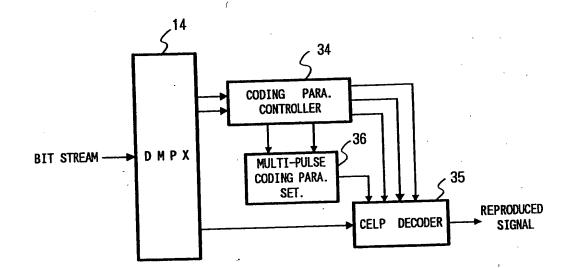


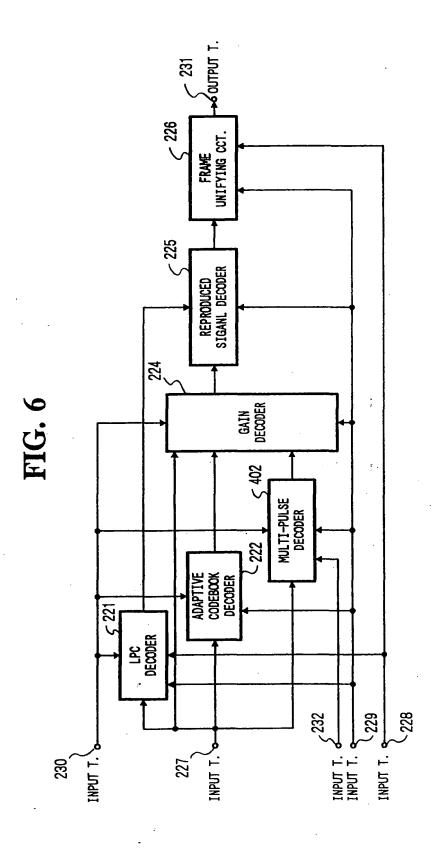
FIG. 4



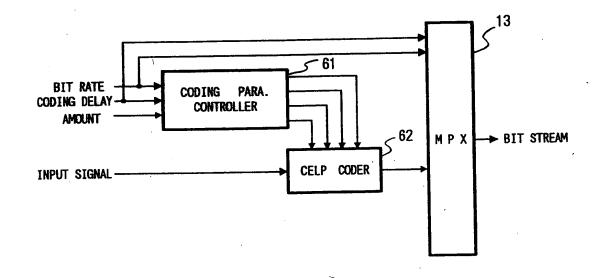


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GAIN RETRIEVE. S \$  $\int_{S} 217$ INPUT T. INPUT T. 215 MULTI-PULSE Retrieve. 207 209 SUB-FRAME Buffer ADAPTIVE CODEBOOK RETRIEVE. , 206 , 208 TARGET SIGNAL GEN. WEIGHT IMPART.REP. SIGNAL GEN. 205 WEIGHT IMPART. SIGNAL GEN. 203 LPC ANALYZER OUTPUT T. 201 LPC QUANT. INPUT T. 212 504 SUB-FRAME DIVIDER. FRAME DIVIDER F,S\_ S |

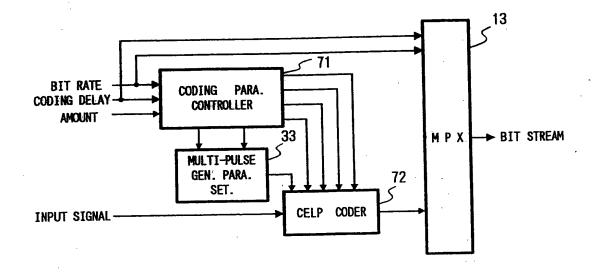


**FIG.** 7



GAIN RETRIEVE. , 8 5218 MULTI-PULSE Retrieve. INPUT T. 215 INPUT T. کر 207 S 509 SUB-FRAME Buffer ADAPTIVE CODEBOOK RETRIEVE. , 206 , 208 TARGET SIGNAL WEIGHT IMPART.REP. SIGNAL GEN. GEN. WEIGHT IMPART. SIGNAL GEN. 233 OUTPUT T. LPC ANALYZER 202 2 LPC QUANT. INPUT T. 212 204 SUB-FRAME DIVIDER FRAME DIVIDER F,S-INPUT T.

FIG. 9





GAIN Retrieve. 211 2172 | 1/218 INPUT T. INPUT T. \$ MULTI-PULSE RETRIEVE. INPUT 7.215 كا 207 တ 209 SUB-FRAME Buffer ADAPTIVE CODEBOOK RETRIEVE. 208 TARGET SIGNAL GEN. WEIGHT IMPART.REP. SIGNAL GEN. WEIGHT IMPART. SIGNAL GEN. , 233 OUTPUT T. LPC ANALYZER 202 E, QUANT. INPUT 1. 212 50<del>4</del> SUB-FRAME DIVIDER FRAME DIVIDER F,S-

FIG. 10

